

Producer Statement B2 durability

System

MSX1000 1000 L capacity hot water storage cylinder

Date: 05 July 2019

The cylinder is manufactured in the UK to Rinnai New Zealand specifications and is constructed from 2205 duplex stainless steel with a PREN of 35.

The cylinder has a design service life of 15 years if the following conditions are met:

1. Maximum operating pressure for the cylinder does not exceed 1200 kPa.
2. Water quality conditions of the cylinder is operating to meet the following requirements

TDS (Total Dissolved Solids)	Total hardness CaCO ₃	Alkalinity (as CaCO ₃)	Dissolved (free) CO ₂	pH	Chlorides	Magnesium	Sodium	Iron	Langelier Index
Up to 600 mg/L or ppm	Up to 200 mg/L or ppm	Up to 200 mg/L or ppm	Up to 25 mg/L or ppm	6.5-8.5	Up to 300 mg/L or ppm	Up to 10 mg/L or ppm	Up to 150 mg/L or ppm	Up to 1 mg/L or ppm	Between -1.0-0.8

Please note: The above service design life and conditions relate only to the MSX1000 hot water storage cylinder, not to any associated valves or fittings/pipework used or supplied with the cylinder.



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